RESTRICTED - ~~ACCOUNTABLE~~

SERIAL NO. [redacted]-[redacted]

AK 23 USS ALCHIBA - EX MORMACDOVE

AK 24 USS ALCYONE - EX MORMACGULL

AK 25 USS ALGORAB - EX MORMACWREN

PRELIMINARY BOOKLET

SHOWING GEN. ARRGT. AT COMPLETION OF EMERGENCY CONVERSION

JUNE 15 1941

NAVY YARD - BOSTON

APPROVED P.B. Nibecker
DESIGN SUPERINTENDANT

BU. SHIPS No. 455896

~~BOSTON YARD PLAN NO.~~ 46158

SHEET 1 OF 5

PRINCIPAL CHARACTERISTICS

LENGTH OVERALL	459'-1"
LENGTH B. P.	435'-0"
BEAM MOULDED	63'-0"
DEPTH TO MAIN DECK	40'-6"
" " 2ND "	31'-6"
" " 3RD "	21'-6"
LOAD DRAFT	25'-10½"
DISPLACEMENT AT 25-10½"	13,876 TONS
DEADWEIGHT	8682 "
GROSS TONNAGE	6,194 "
NET "	3,688 "
SPEED (LOADED)	15½ KNOTS
HORSE POWER 6000 SHP AT 92 R.P.M.	
STEAMING RADIUS AT 15½ KNOTS	12,000 MILES
FUEL OIL CAPACITY (316,638 GALS)	1,053 TONS
DAILY FUEL OIL CONSUMP'T. AT 15½ KNOTS	32 "
FRESH WATER FOR MACHINERY	379 "
" " (POTABLE) 2 TANKS	44 "

FORE & AFT. PEAK TANKS TO CARRY F.W. DURING CONVERSION

SHIP No	U.S.S.	1941 APPROVED	BY	REMARKS
AK 23	ALCHIBA			EX-MORMACDOVE
AK 24	ALCYONE			EX-MORMACGULL
AK 25	ALGORAB			EX-MORMACWREN

BOSTON NAVY YARD

BOSTON YARD No 36353

SCALE 1/8" = 1'-0"

DRAWN BY
TRACED BY
CHECKED BY
SUPERVISOR
SR. NAVAL ARCH.

APPROVED 15 JUNE '41

[signature]
DESIGN SUP'T

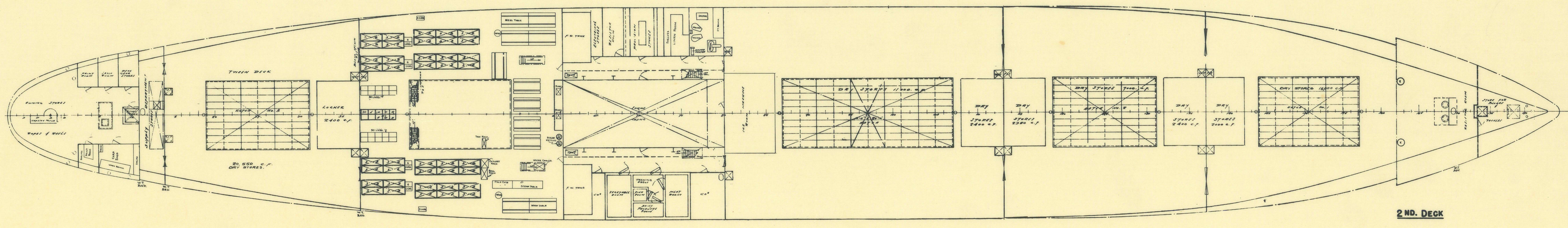
INBOARD PROFILE
&
SUPERSTRUCTURE DECKS

BU. OF SHIPS PLAN No 458208

BU. SHIPS NO. 455896

SHEET 3 OF 5

MAIN DECK



2ND DECK

REFERENCE

OUTBOARD PROFILE	BOST. Nº	36651
INB'D. PROFILE & SUPERSTRUCTURE DECKS	"	36353
3RD DECK & HOLD	"	36654

NO.	U.S. SHIP	1941 APPROVED	BY	REMARKS
AK23	ALCHIBA			EX-MORMACDOVE
AK24	ALCYONE			EX-MORMACGULL
AK25	ALGORAB			EX-MORMACWREN

BOSTON NAVY YARD

~~BOSTON YARD Nº~~ 36355

SCALE 1/8" = 1 FT.

DRAWN BY
TRACED BY
CHECKED BY
SUPERVISOR
SR. NAVAL ARCH.

APPROVED 15 JUNE 1941

P.B. Milucker
DESIGN SUPERINTENDENT.

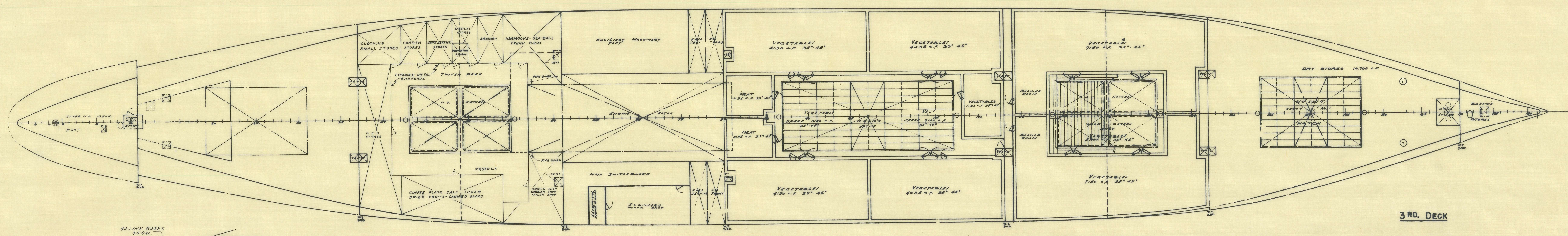
GEN. ARRANGEMENT MAIN & 2ND DECK.

BU. SHIPS NO. 455896

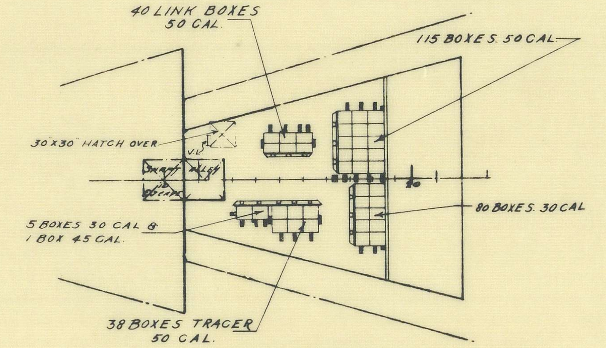
~~BUREAU OF SHIPS PLAN Nº~~

458210

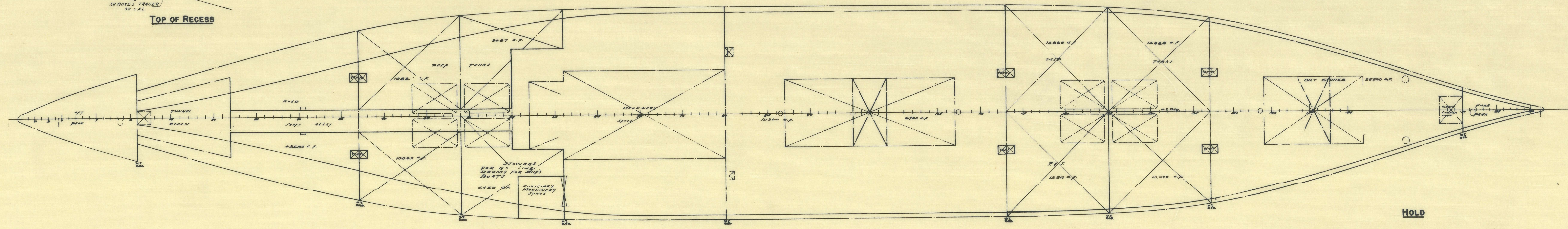
SHEET 4 OF 5



3RD. DECK



TOP OF RECESS



HOLD

REFERENCE

OUTBOARD PROFILE	36651
INB'D. PROFILE & SUPERSTRUCTURE DECKS	36353
2 ND. & MAIN DECKS	36355

APPROVED {G B B

SHIP No	U.S.S.	1941 BY APPROVED	REMARKS
AK 23	ALCHIBA		EX-MORMACDOVE
AK 24	ALCYONE		EX-MORMACGULL
AK 25	ALGORAB		EX-MORMACWREN

BOSTON NAVY YARD

~~BOSTON YARD No~~ ~~36654~~

SCALE 1/8" = 1 FT

DRAWN BY: ________ APPROVED 15 JUNE 41

TRACE BY: ________

CHECKED BY: ________

SUPERVISOR ________

SR NAVAL ARCH. ________ DESIGN SUPT

CORRECTED WORKING PLAN EXAMINED AND FOUND CORRECT.

________ DESIGN SUPT.

HOLD & 3RD DECK

BUREAU SHIPS PLAN No. 455896

~~BUREAU OF SHIPS PLAN NUMBER~~

~~No 458209~~

SHEET 5 OF 5